



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

AF/1828
PATENT

Applicant(s) : Randall K. Bartman, et al.
Application No. : 09/964,198
Filed : September 25, 2001
Title : Hybrid Narrow-Linewidth Semiconductor Lasers
Grp./Div. : 2828
Examiner : Phillip Nguyen
Reference : 0007975-0014

CERTIFICATE OF MAILING (37 C.F.R. § 1.8A)

I hereby certify that this correspondence is, on the date shown below, being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the below shown address.

Mary Helen Lopez

AMENDMENT/RESPONSE TRANSMITTAL LETTER

Box Non-Fee Amendment
Commissioner for Patents
PO BOX 1450
Alexandria, VA 22313-1450

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DEC 15 2003
TECHNOLOGY CENTER 2800

Enclosed is an amendment to the above-identified application.

CALCULATION OF FEES					
ITEM		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PAID FOR	EXCESS CLAIMS X RATE	SUBTOTAL
A	TOTAL CLAIM FEES	9	30	0 x \$9	0
B	INDEPENDENT CLAIMS	1	3	0 x \$43	0
C			SMALL ENTITY FEE = LARGE ENTITY FEE =	A + B 2 x (A + B)	
D	MULTIPLE-DEPENDENT CLAIMS FEE***		SMALL ENTITY FEE = \$145.00 LARGE ENTITY FEE = \$ 290.00		0
E	TOTAL FILING FEE				0
F	NO ADDITIONAL FEE REQUIRED****	IF NO FEE REQUIRED, INSERT "0"			0

List Independent Claims: 1

* IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 20 OR LESS, WRITE "20" IN COLUMN 3
** IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 3 OR LESS, WRITE "3" IN COLUMN 3
*** PAY THIS FEE ONLY WHEN MULTIPLE DEPENDENT CLAIMS ARE ADDED FOR THE FIRST TIME
**** IF NO FEE REQUIRED, ADDRESS ENVELOPE TO "BOX NON-FEE AMENDMENTS"

____ Attach is our check for \$ _____ to pay the fees calculated above.

____ A Petition for Extension of Time and the required fee are enclosed.

Other enclosures: Information Disclosure Statement Pursuant to 37 C.F.R. § 1.56 and §§ 1.97-1.98, and articles entitled "Electroplated electro-fluidic interconnects for chemical sensors" by Eniko T. Enikov and James G. Body; and "Microbump Formation by Noncyanide Gold Electroplating" by Hideto Watanabe, Shinjiro Hayashi, and Hideo Honma

Authorization and Address for Correspondence:

X	No fee is believed to be due. However, the Commissioner is authorized during the prosecution of this application to charge fees that may be required or credit any overpayment of fees to Deposit Account No. 501215, except for payment of patent issue fees required under 37 CFR § 1.18. Please show our above-referenced number with any credit or charge to our Deposit Account. A copy of this letter is enclosed.
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Please address all correspondence to **J.D. Harriman II, COUDERT BROTHERS LLP, 333 South Hope Street, 23rd Floor, Los Angeles, California 90071.**

Respectfully submitted,

COUDERT BROTHERS LLP

By:

J. D. Harriman II, Reg. No. 31,967

Date: December 3, 2003

COUDERT BROTHERS LLP
333 South Hope Street, Suite 2300
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first-class mail in an envelope addressed to Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on December 8, 2003.

Mary Helen Lopez
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Applicant : Randall K. Bartman, et al.
Application No. : 09/964,198
Filed : September 25, 2001
Title : HYBRID NARROW-LINewidth SEMICONDUCTOR LASERS
Grp./Div. : 2828
Examiner : Phillip Nguyen
Reference No. : 0007975-0014/CIT-3289

AMENDMENT AND RESPONSE

Mail Stop Non-Fee Amendment
Commissioner for Patents
PO BOX 1450
Alexandria, VA 22313-1450

Dear Examiner Nguyen:

This is an amendment and response to the outstanding Office Action dated September 03, 2003 (paper number 9) in the present application. Please make the following amendments in the present application and consider the following remarks.

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